

**Pharmacy**

FUNCTION	Room Code	AUTHORIZED		PLANNING RANGE / COMMENTS
		m <sup>2</sup>	nsf	

**5.5.01 PURPOSE AND SCOPE**

This section provides draft guidance for the space planning criteria for pharmacy activities for DoD medical facilities. It does not contain space criteria for specialized clinical pharmacy functions. These functions will be found in the criteria for the services supported which are:

Hematology/Oncology: See Outpatient Clinic Criteria.

Radiopharmacy: See Nuclear Medicine Criteria.

**5.5.02 DEFINITIONS**

**Drug Information Service** - The objective of this aspect of Clinical Pharmacy Service is to provide complete drug information, upon request, to medical officers, and other staff members. This function may be facilitated by subscribing to the Iowa Drug Information Service which includes drug literature from over 150 medical and pharmacology journals recorded on microfilm. This system should be supplemented with selected text books and other references.

**Satellite Pharmacy** - Additional operation locations (inpatient and/or outpatient) which will supplement and support the main inpatient and/or outpatient pharmacies by diverting a portion of the work load to another dispensing area to facilitate a better work and patient flow.

**Clinical Pharmacist** - A pharmacist with specialized education and training in the principles of disease processes and pharmacotherapeutics. May have special expertise in highly specialized areas such as pharmacokinetics, research, hematology/oncology, or radiopharmacology.

**5.5.03 POLICIES**

The locations, quantities, and types of pharmacy dispensing activities will be determined by work load, the location of activities supported and the projected number of supervisory personnel.

Outpatient Pharmacy should be located near and readily accessible to the outpatient clinics.

Inpatient Pharmacy:

- Medical facilities with more than 100 beds should have a separate inpatient pharmacy.
- This activity must be readily accessible to the nursing unit to facilitate the drug distribution process.
- The main inpatient pharmacy and satellites should (where feasible) be linked to the main pharmacy by a dedicated materials handling system that is capable of transporting bulk medications.

Satellite Pharmacies:

- Medical facilities with work loads that generate space authorizations for satellite pharmacies may combine the satellite space with the main pharmacies instead of programming the separate satellites.
- Adequate numbers of supervisory personnel should be projected to supervise the number of pharmacy operating locations program.
- Each inpatient pharmacy location will be provided with its own unit dose and IV admixture functions.

A delivery system capable of transporting intravenous solutions, immediate medication doses, and physician orders between the inpatient pharmacies and the nursing units will be provided.

The drug information service should be located adjacent to the inpatient pharmacy administrative area.

These criteria provide separate space for inpatient pharmacy bulk storage and outpatient pharmacy bulk storage. This space may be combined provided a dedicated materials handling system directly links the bulk storage area to the main pharmacies.

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**5.5.04 PROGRAM DATA REQUIRED**

(Raw work load data will be used without MEPRS weighting.)

Projected average outpatient prescriptions per month.

Projected Average Daily Patient Load (ADPL).

Projected average number of IV admixtures prepared per month.

Staffing (Projected to be available)

Pharmacists

NCOIC

Secretary/Receptionists

Technicians

Trainees

Clerks

**5.5.05 SPACE CRITERIA**

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**ADMINISTRATIVE SUPPORT AREAS**

Pharmacy Director Office	OFA01	11.15	120	Private office. Standard furniture.
	OFA02			System furniture.
Private Office	OFA01	11.15	120	Per assigned FTE requiring a private office. Standard furniture.
	OFA02			System furniture.
NCOIC/LCPO/LPO/SMT Office	OFA01	11.15	120	Standard furniture.
	OFA02			System furniture.
Secretary/ Reception	SEC01	11.15	120	When authorized FTE.
Administrative Cubicle	OFA03	5.57	60	Per authorized FTE requiring a dedicated cubicle. System furniture.
Staff Lounge (GP)	SL001	13.01	140	Minimum. See Section 6.1 for increase in size
Conference Room	CRA01	23.23	250	One per department when eight or more FTE pharmacists.

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Personal Property Lockers (GP)	LR001	1.86	20	Minimum. For staff without a dedicated office/cubicle space. See Section 6.1 for increase in size or for Changing Locker Room criteria.
Staff Toilets (GP)	TLTU1	4.65	50	Minimum for total clinic staff of at least 10. See Section 6.1 for increase in size and for male/female breakdown.
Janitor closet	JANC1	3.72	40	One per department.

**RECEPTION AREAS**

Waiting Area	WRC01	37.16	400	One per pharmacy.
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**Pharmacy Low Volume – Based on 12,000 scripts/month**

Bulk Storage (GP)	PHBS1	37.16	460	Includes 1 workstation, walk-in vault
Manufacturing and prepack (GP)	PHMP1	5.57	60	1 Workstation
Dispensing and storage (GP)	PHOD1	61.31	780	Includes consultation room, 3 dispensing windows, under counter refrigerators, Baker cells, preparation and holding areas, etc.
IV Admixture (GP)	PHIV1	11.15	120	One if average monthly IV preparation is between one and 6,000.

**Pharmacy Medium Volume – Based on 35,000 scripts/month**

Bulk Storage (GP)	PHBS2	111.15	1200	Includes 3 workstations, walk-in vault
Manufacturing and prepack (GP)	PHMP2	9.9	100	1 Workstation
Dispensing and storage (GP)	PHOD2	176.57	1900	Includes consultation room, 6 dispensing windows, under counter refrigerators, Baker cells, preparation and holding areas.

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Unit Dose/IV Admixture (GP)	PHIV2	106.87	1150	One if average monthly admixture preparation is between 1001 and 8,000 and unit dose preparation is between one and 16,000. Includes IV Bulk supply, order entry, ward supplies and packaging, checking station, etc.
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**Pharmacy High Volume – Based on 58,000 scripts/month**

Bulk Storage (GP)	PHBS3	148.69	1600	2 refrigerator, 1 Freezer, walk-in vault, 3 workstations
Manufacturing and prepack (GP)	PHMP3	18.58	200	
Dispensing and storage (GP)	PHOD3	204.46	2200	Includes consultation room, 8 dispensing windows, refrigerator, Baker cells, preparation and holding areas, etc.
Unit Dose/IV Admixture (GP)	PHIV3	176.57	1900	One if average monthly admixture preparation is greater than 8,000. Includes IV Bulk supply, order entry, ward supplies and packaging, checking station, etc
Unit Dose Preparation	PHUD1	18.58	200	One if average monthly unit dose preparation is greater than 16,000.

**OFFSITE SATELLITE PHARMACY**

Offsite Satellite Pharmacy (GP)	PHDS1	101.23	1100	
Offsite Satellite Pharmacy (GP)	PHDS2	269.51	2900	
Staff Toilet	TLTU1	4.65	50	One per satellite pharmacy.
Dedicated Janitor Closet	JANC1	3.72	40	One per satellite pharmacy.